

### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

07/21/2006

Barry E. Bretschneider Morrison & Foerster LLP Suite 300 20001650 Tysons Boulevard McLean, VA 22102 EXAMINER

RAO, SHRINIVAS H

ART UNIT PAPER NUMBER

2814

DATE MAILED: 07/21/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/720 378	11/25/2003	Nohumki Sakikawa	492322001810	4282		

TITLE OF INVENTION: METHOD OF MANUFACTURING INSULATED GATE SEMICONDUCTOR DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	10/23/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

### HOW TO REPLY TO THIS NOTICE:

1. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This appropriate. All further indicated unless correcte maintenance fee notifica	correspondence including ad below or directed oth	ng the Patent,	advance o	rders and notification a) specifying a new c	of n	naintenance fees w pondence address;	ill be r and/or	nailed to the current of (b) indicating a separ	orresponder ate "FEE A	nce address as DDRESS" for
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use Bl		ge of address)		Fee(	s) Transmittal. Thi	s certifi I paper,	can only be used for cate cannot be used for such as an assignmen ling or transmission.	r any other a	accompanying
Barry E. Bretso Morrison & Foel Suite 300	chneider rster LLP	/2006			I her State addr trans	Cer reby certify that th es Postal Service w essed to the Mail smitted to the USP	tificate is Fee(s vith suff Stop I ΓΟ (571	of Mailing or Transn ) Transmittal is being ficient postage for first ISSUE FEE address (1) 273-2885, on the da	nission deposited w class mail i bove, or be te indicated	ith the United n an envelope eing facsimile below.
20001650 Tyson McLean, VA 22							٠		(.	Depositor's name)
McLean, VA 22	102									(Signature)
										(Date)
APPLICATION NO.	FILING DATE			FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFIRMA	ATION NO.
10/720,378	11/25/2003			Nobuyuki Sekikaw	va		4	192322001810	42	82
APPLN, TYPE	SMALL ENTITY	ISSUE FE	E DUE	PUBLICATION FEE D	TUE	PREV. PAID ISSU	e eee T	TOTAL FEE(S) DUE	D.47	TE DUE
nonprovisional	NO NO	\$14		\$300	JUE	\$0	TEE	\$1700		
<del></del>			- ·	·		30 I	31700		10/23/2006	23/2000
EXAM		ARTU		CLASS-SUBCLASS						
RAO, SHR	ence address or indicatio	281		438-592000	the n	atent front page, lis	· · ·			
CFR 1.363).			`	(1) the names of t	up to	3 registered paten		eys I		
_	ondence address (or Cha 3/122) attached.			or agents OR, alter (2) the name of a s	single	e firm (having as a	membe	er a 2		
☐ "Fee Address" ind PTO/SB/47; Rev 03-0 Number is required.	The Address indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer 2 registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 3									
	ND RESIDENCE DATA			**	٠.	•				
PLEASE NOTE: Unl recordation as set fort	ess an assignee is ident h in 37 CFR 3.11. Comp	ified below, n pletion of this	io assignee form is NO	data will appear on to T a substitute for filing	he pa g an a	atent. If an assign assignment.	ee is id	entified below, the do	cument has	been filed for
(A) NAME OF ASSIG	GNEE			(B) RESIDENCE: (C	CITY	and STATE OR C	OUNT	RY)		
Please check the appropri	iate assignee category or	categories (w	ill not be p	rinted on the patent):		Individual Co	rporatio	on or other private gro	p entity 🗆	Government
4a. The following fee(s) a	are submitted:		4	*		se first reapply ar	ıy previ	iously paid issue fee s	iown above	·)
	lo small entity discount p	permitted)		A check is enclos Payment by credi		d. Form PTO-2038	is attac	ched.		
Advance Order - #	of Copies			The Director is he overpayment, to I	ereby Depo:	authorized to char sit Account Number	ge the r	equired fee(s), any def (enclose an	ciency, or c extra copy o	redit any of this form).
a. Applicant claims	tus (from status indicated s SMALL ENTITY statu	us. See 37 CFI						TTY status. See 37 CF		
NOTE: The Issue Fee and interest as shown by the r	d Publication Fee (if req ecords of the United Sta	uired) will not ites Patent and	be accepte Trademark	ed from anyone other the Office.	han tl	he applicant; a regi	stered a	ttorney or agent; or the	assignee or	other party in
Typed or printed name	e					Registration N	o			····

Inis collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/720,378	11/25/2003	Nobuyuki Sekikawa	492322001810	4282		
75	90 07/21/2006		EXAMINER			
Barry E. Bretschi	neider	RAO, SHR	RAO, SHRINIVAS H			
Morrison & Foerst		ART UNIT	PAPER NUMBER			
Suite 300 20001650 Tysons I McLean, VA 2210			2814 DATE MAILED: 07/21/200	6		

### Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 3 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 3 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.